

Potential Activities in Fiscal Year 2007-08



Advisory Committee
February 27, 2007

Potential Activities for FY 2007-08
Assume the Following:

- ◆ **Additional legislation would be adopted that selects preferred alternative**
- ◆ **Funds appropriated for project-level analysis and environmental documentation**
- ◆ **Lead agency/entity is identified by legislation**
- ◆ **DFG could consider limited habitat development on State lands (called Early Start in PEIR) independent of preferred alternative selection**

Early Start/Demonstration Habitat

◆ Purpose

- Address anticipated shortfall for fish-eating birds
- Provide proof-of-concept for Saline Habitat Complex (Cell Type 1)
- Determine potential selenium risk from Saline Habitat Complex
- Complement initial steps taken by USGS experimental wetlands

Design Parameters

- ◆ Salinity 20,000 to 35,000 mg/L
 - Limit mosquitoes, tamarisk invasion, and selenium risk
 - Brackish OR saltwater species may be good choices as forage fish
- ◆ Depth (SHC cell Type 1)
 - Five feet at downstream berm
 - Deeper holes, up to 15 feet deep
- ◆ Placement considerations
 - Placement may allow folding into a component of selected alternative
 - Proximity to brackish water source reduces cost
 - Proximity to current high bird use habitats enhances value
 - Build in wet or dry: potential opportunity for Geotube demonstration

Common Elements for Preferred Alternative could be Initiated

- ◆ **Identify items required during project-level analysis**
 - Topographic and bathymetric survey updates
 - Expand water quality monitoring of inflows
 - Expand sediment quality monitoring
- ◆ **Inspect exposed playa along shoreline**
 - Integrate efforts with air quality monitoring programs by others
- ◆ **Expand monitoring of ambient air quality**
- ◆ **Identify potential sites for full-scale Early Start Habitat**
 - Location and size
 - Water supply and water quality targets
 - Design and permitting requirements
 - Environmental documentation requirements